

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **05173699 A**(43) Date of publication of application: **13.07.93**

(51) Int. Cl.

G06F 3/03**G06F 3/03**(21) Application number: **03339028**(22) Date of filing: **20.12.91**(71) Applicant: **FUJITSU LTD**(72) Inventor: **TAJIMA MASAYA
KARIYA NORIJI
KIMURA MASATSUGU**(54) **COORDINATE INPUT DEVICE**

(57) Abstract:

PURPOSE: To prevent wrong coordinate output due to a noise as to the optical system coordinate input device which is constituted by arranging pairs of light emitting and receiving elements in matrix and calculates an input coordinate position from their light quantity measured values.

CONSTITUTION: The pairs of light emitting and receiving elements are driven, pair by pair, and the quantities of received light of the light receiving elements are measured to calculate coordinates from the positions of the light emitting element and light receiving element whose optical path is cut off (step 107). The quantity of light between the pair of light emitting and receiving elements at (b)th positions corresponding to the calculated coordinates is measured again (step 108), and it is decided whether the optical path is cut off or not (step 109). Only when the optical path is cut off, it is judged that the calculated coordinates are manually inputted coordinates, and coordinate output is performed (step 11).

COPYRIGHT: (C)1993,JPO&Japio

